



EMBAJADA DE LOS ESTADOS UNIDOS DE AMERICA
SANTIAGO, CHILE



Global Energy: An American Perspective

Ambassador Paul Simons
Conferencia 2009 ElecGas

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IEA REFERENCE SCENARIO – KING COAL

- ***World energy demand expands by 45% between now and 2030 – an average rate of increase of 1.6% per year – with coal accounting for more than a third of the overall rise.***
- ***Demand for coal has been growing faster than any other energy source & is projected to account for more than a third of incremental global energy demand to 2030***



IEA – WORLD ENERGY GROWTH

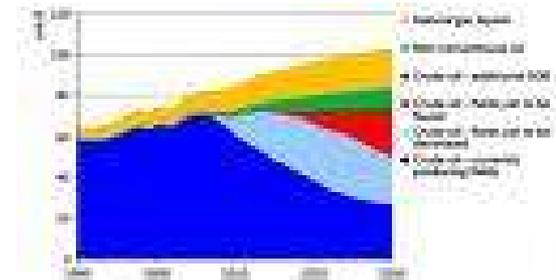
- ***OECD countries alone cannot put the world onto a 450-ppm trajectory, even if they were to reduce their emissions to ZERO***
- ***97% of the projected increase in emissions between now & 2030 comes from non-OECD countries – three-quarters from China, India & the Middle East alone***





IEA – OIL MARKETS

- ***Oil production rises to 104 mb/d in 2030, with Middle East OPEC taking the lion's share of oil market growth as conventional non-OPEC production declines***
- ***64 mb/d of gross capacity needs to be installed between 2007 & 2030 – six times the current capacity of Saudi Arabia – to meet demand growth & offset decline***



IEA – ROLE OF DEVELOPING ECONOMIES

- *All of the growth in oil demand comes from non-OECD, with China contributing 43%, the Middle East & India each about 20% & other emerging Asian economies most of the rest.*



U.S. Chile Energy Partnership...



.. Growing under Obama Administration

- "Energy and Climate Partnership of the Americas", announced by President Obama in Trinidad on April 18, 2009.
- Chile's contributions:
 - Renewable Energy Research Center
 - Solar pilot projects: CSP and PV
- Strong institutional contacts between Chile and
 - Lawrence Berkeley Laboratory
 - National Renewable Energy Laboratory
 - U.S. Department of Energy
 - California Energy Commission
- Chile/California Partnership (6/08) underpins cooperation.



Embassy's commitment to renewable energy...





“With a new Energy Climate Partnership of the Americas, we will harness the progress being made ... by Chile’s investments in solar power.”

President Barack Obama

Trinidad

April 19, 2009